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[Signature]

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Our Ref: 1038-729 MIS:as

In re patent application

No.

08/931,721

Applicant:

Barbara Papadopoulou et al



MAY 21 1999

Title:

MACROPHAGE-INFECTING PARASITES

EXPRESSING A GRANULOCYTE MACROPHAGE
COLONY STIMULATING FACTOR

Filed:

September 16, 1997

Group No.

1645

Examiner:

K. Masood

May 20, 1999

8a 5/28/99 T. Bray

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AMENDMENT

BY COURIER

The Commissioner of Patents
and Trademarks,
Washington, D.C. 20231,
U.S.A.

Dear Sir:

In response to the Office Action of November 24, 1998, please amend
this application in the following manner:

In the Claims:

Cancel claims 2, 8, and 11 to 20.

Amend claims 1, 3, 5, 5 and 7 as follows:

a 1 1. (Amended) A macrophage infecting parasite which is a strain of Leishmania and which is transformed by a plasmid containing [expressing] a granulocyte macrophage colony stimulating factor (GM-CSF) gene and which parasite expresses GM-CSF.

a 2 3. (Amended) The parasite of claim 1 [2] wherein said strain of Leishmania is selected from the group consisting of Leishmania donovani, Leishmania braziliensis, Leishmania tarentolae, Leishmania major, Leishmania mexicana, Leishmania tropica and Leishmania aethiopica.

a 3 5. (Amended) The parasite of claim 1 [2] wherein said GM-CSF gene is of murine origin.

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